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APPLICATION NO	. I	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/718,941 11/21/2003		11/21/2003	George T. Fiala	13342A-1	13342A-1 2919	
37414	7590	03/22/2004		EXAM	EXAMINER	
		AND INC.	MICHALSKY, GERALD A			
BOX 1895		ARTMENT		ART UNIT	PAPER NUMBER	
NEW HOI	LAND, P.	A 17557	3753	3753		

DATE MAILED: 03/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extendions of time may be waited the provious of 3° CPR 1.70(8). In no event, however, may a notyb be firreby filled Extendions of time may be waited be provious of 3° CPR 1.70(8). In no event, however, may a notyb be firreby filled If the period for reply seporated above is less than thirty (30) days, a reply within the statulatory minimum of thirty (30) days will be considered timely. If the period for reply seporated above is less than thirty (30) days, a reply within the statulatory minimum or pit in the mailing date of this communication or possible of the period period to reply within the set or extended period to reply with the set or extended period to reply within the set of the period to reply within the period to reply and well and period to reply and well and period to reply and the period to reply and the period to period to reply and the period to period to reply and the period to reply		Application No.	Applicant(s)	· ()				
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- The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Repty A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Estreations of time may be available under the provisions of 3 CFR 1.13(s). In no event, however, may a reply be finely filed after SIX (s) NOVIPTS from the maling date of this communication. If the provision of the provision of the communication of the communication of the provision of the provisio	Office Action Summary	Examiner	Art Unit	17				
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2a] This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 8-16 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 6) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 21 November 2003 is/are: a) accepted or b) \(\text{\te	Status							
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DETAILED ACTION

1. The informal drawings filed on 21 November 2003 are objected to for the reasons indicated in parent application 09/981,103. Formal drawings are required in response to this action in order to avoid abandonment of the application.

2. The disclosure is objected to because of the following informalities: On page 14, line 13, "leftward" should be –rightward--. On page 14, line 14, "rightward" should be "leftward".

Appropriate correction is required.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 4. Claims 8-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Takahashi et al. See Figure 1 of Takahashi et al for a "check valve" function. See Figure 6 of Takahashi et al for an "anti-cavitation" function". See Figure 4 of Takahashi et al for a "pressure relief" function.
- 5. Claims 8-11 are further rejected under 35 U.S.C. 102(b) as being anticipated by Stacey. Valve 43 of Stacey is read as a "check valve". See column 5, lines 10-18 of Stacey for an "anti-cavitation" function. See column 4, lines 26-45 of Stacey for a "pressure relief" function.
- 6. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11

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F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970);and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

7. Claims 8-16 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-21 of U.S. Patent No. 6,581,639. Although the conflicting claims are not identical, they are not patentably distinct from each other because they do not support separate patents. Claims 8-16 herein are readable on the embodiments claimed in claims 1-21 of Fiala et al, and claims 1-21 of Fiala et al are readable on the embodiments claimed in claims 8-16 herein.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gerald A. Michalsky whose telephone number is (703) 308-1049. The examiner can normally be reached on M-F 5:30 AM - 2 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Scherbel can be reached on (703) 308-1272. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gerald A. Michalsky Primary Examiner Art Unit 3753